

Claim Amendments

1-25 (Cancelled).

26. (New) A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume, the pump chamber cylindrical wall having a center axis;

a dispenser housing having an interior volume containing the pump chamber cylindrical wall, the dispenser housing having a top wall and a pair of side walls that surround the pump chamber cylindrical wall with the entire pump chamber cylindrical wall being spaced inwardly and separated from each of the dispenser housing top wall and side walls;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump plunger relative to the pump chamber, the pump plunger having a liquid discharge passage that communicates with the pump chamber interior volume.

27. (New) The dispenser of Claim 26, further comprising:

the pump plunger having a top wall and a pair of side walls that surround the liquid discharge passage, the pump plunger top wall and side walls each telescoping with the respective dispenser housing top wall and side walls in response to reciprocating movement of the pump plunger relative to the pump chamber.

28. (New) The dispenser of Claim 27, further comprising:

the dispenser housing top wall and pair of side walls surrounding a front

opening of the dispenser housing; and,

the pump plunger top wall and pair of side walls telescoping through the front opening of the dispenser housing.

29. (New) The dispenser of Claim 26, further comprising:

the pump plunger having a center tube with the liquid discharge passage extending through the center tube; and,

the pump plunger having a top wall and a pair of side walls that surround the center tube with the entire center tube being spaced inwardly and separated from each of the pump plunger top wall and side walls.

30. (New) The dispenser of Claim 29, further comprising:

the pump plunger top wall and pair of side walls telescoping with the respective top wall and pair of side walls of the dispenser housing.

31. (New) The dispenser of Claim 30, further comprising:

the pump plunger having a front wall with a finger engagement surface on the front wall, and the front wall connecting the center tube with the pump plunger top wall and side walls.

32. (New) The dispenser of Claim 31, further comprising:

the pump plunger center tube extending through the finger engagement surface.

33. (New) The dispenser of Claim 26, further comprising:

the pump plunger having a center tube with the liquid discharge passage extending through the center tube; and,

a flexible, resilient bulb connecting the center tube to the pump chamber cylindrical wall and enclosing the interior volume of the pump chamber.

34. (New) The dispenser of Claim 33, further comprising:

the pump plunger liquid discharge passage and the pump chamber cylindrical wall being coaxial.

35. (New) The dispenser of Claim 33, further comprising:

a tubular input valve integrally formed with the bulb; and,

a tubular output valve integrally formed with the bulb.

36. (New) A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume, the pump chamber cylindrical wall having a center axis;

a dispenser housing having walls surrounding an interior volume containing the pump chamber;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump plunger relative to the pump chamber, the pump plunger having a center tube with a liquid discharge passage extending through the center tube and communicating with the interior volume of the pump chamber, and the pump plunger

having a top wall and a pair of side walls that surround the center tube with the entire center tube being spaced inwardly and separated from each of the pump plunger top wall and side walls.

37. (New) The dispenser of Claim 36, further comprising:

the pump plunger having a front wall with a finger engaging surface on the front wall, and the front wall connecting the center tube with the pump plunger top wall and side walls.

38. (New) The dispenser of Claim 37, further comprising:

the pump plunger center tube extending through the finger engagement surface.

39. (New) The dispenser of Claim 36, further comprising:

a flexible, resilient bulb connecting the center tube to the pump chamber cylindrical wall and enclosing the interior volume of the pump chamber.

40. (New) The dispenser of Claim 39, further comprising:

a tubular input valve integrally formed with the bulb; and,
a tubular output valve integrally formed with the bulb.

41. (New) The dispenser of Claim 40, further comprising:

the pump plunger liquid discharge passage, the tubular input valve, the

tubular output valve, and the pump chamber cylindrical wall all being coaxial.

42. (New) The dispenser of Claim 41, further comprising:

a liquid discharge orifice communicating with the liquid discharge passage, the liquid discharge orifice being coaxial with the liquid discharge passage.

43. (New) A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume, the pump chamber cylindrical wall having a center axis;

a dispenser housing having walls surrounding an interior volume containing the pump chamber;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump plunger relative to the pump chamber, the pump plunger having a liquid discharge passage that communicates with the pump chamber interior volume; and,

a flexible, resilient bulb connecting the pump plunger to the pump chamber cylindrical wall and enclosing the pump chamber interior volume, the bulb having an integral tubular output valve and an integral tubular input valve.

44. (New) The dispenser of Claim 43, further comprising:

the pump chamber cylindrical wall having an input port; and,
the bulb tubular input valve overlaying the input port.

45. (New) The dispenser of Claim 44, further comprising:

the pump plunger having a center tube with the liquid discharge passage extending through the center tube; and,

the bulb tubular output valve engaging around the pump plunger center tube.

46. (New) The dispenser of Claim 44, further comprising:

the pump plunger having a liquid discharge orifice communicating with the liquid discharge passage, and the liquid discharge orifice and the pump chamber cylindrical wall being coaxial.

47. (New) The dispenser of Claim 43, further comprising:

the bulb having an integral vent valve.

48. (New) The dispenser of Claim 43, further comprising:

the dispenser housing having a vent port; and,

the bulb having an integral vent valve that engages over the vent port.

49. (New) The dispenser of Claim 43, further comprising:

the dispenser housing having a top wall and a pair of side walls that surround the pump chamber and the bulb; and,

the pump plunger having a top wall and a pair of side walls that surround the bulb.

50. (New) The dispenser of Claim 49, further comprising:

the pump plunger top wall and pair of side walls telescoping with the respective dispenser housing top wall and pair of side walls.